

# Notice of Allowability

Application No.

10/565,032

Examiner

Trisha Vu

Applicant(s)

KNUTH ET AL.

Art Unit

2111

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/12/2007.
2. ☒ The allowed claim(s) is/are 1, 5 and 6.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
Glenn A. Auve

Primary Patent Examiner  
Technology Center 2100

  
Trisha Vu  
Examiner  
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**EXAMINER'S AMENDMENT and REASONS FOR ALLOWANCE**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Daniel E. Sragow (Reg. No. 22,856) on 09-25-07.

The application has been amended as follows:

**Please make the following changes to Page 5 of the Specification:**

- line 31:** delete "and"
- line 34:** delete "form." and insert in its place -- form; and --
- line 35:** add -- figure 4 shows an arrangement of three Config ROM's for operation-dependent interface configuration data. --

2. Claims 1,5 and 6 are allowed.

◊ The following is an examiner's statement of reasons for allowance:

The claims include the limitation of pointer means, which comprise electronic pointers for pointing to the at least three reserved memory areas; wherein a first of the at least three reserved memory areas is a current memory area for holding current interface configuration data, a second of the at least three reserved memory areas is a subsequent memory area for holding interface configuration data which are provided for retrieval after a subsequent reset operation

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on the data bus, and a third of the three memory areas is an editing memory area for holding editable interface configuration data; wherein said pointer means further comprises a first electronic pointer, a second electronic pointer and a third electronic pointer pointing to the current interface configuration data, the configuration data to be used after a subsequent bus reset, and the editable configuration data respectively; means for setting said second electronic pointer to configuration data to which said third electronic pointer points and means for setting the third pointer to configuration data to which neither the second electronic pointer points nor configuration data to which the third electronic pointer points; means for copying said configuration data to which the second electronic pointer points to the memory area to which the third electronic pointer points for completing editing in said third memory area; and means for setting said first electronic pointer to configuration data to which the second electronic pointer points immediately upon an occurrence of a bus reset event, which is not shown by the prior art of record, in the combination as disclosed and claimed.

The Examiner interpreted the claims in light of the Specification and further in view of Applicant's persuasive arguments that the amended features of pointer means and their operations upon occurrence of bus reset are not taught by Brown reference (pages 6-7 of the Remarks).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

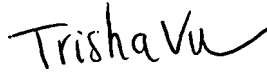
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*Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Trisha Vu whose telephone number is 571-272-3643. The examiner can normally be reached on Mon-Thur and alternate Fri 8:00am - 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Rinehart can be reached on 571-272-3632. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Trisha Vu  
Examiner  
Art Unit 2111

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